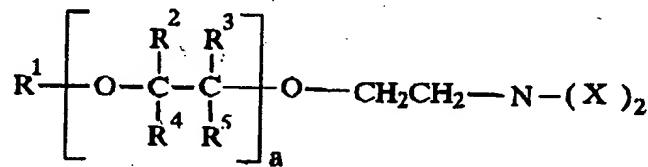
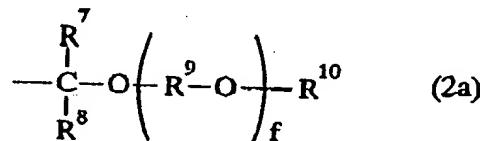


--13. (Amended) A gasoline additive for a direct injection gasoline engine which

B | comprises a nitrogen-containing compound represented by the formula:



wherein R^1 is hydrogen, R^2 , R^3 , R^4 and R^5 are each independently selected from the group consisting of hydrogen, a C_1 - C_{16} hydrocarbon group and a group of the formula (2a) below, a is an integer from 1 to 200 and X is a group selected from Group B below, said formula (2a) being



wherein R^7 and R^8 are each independently selected from the group consisting of hydrogen, a C_1 - C_{10} hydrocarbon group and a C_2 - C_{10} alkoxyalkyl group, R^9 is a C_2 - C_6 alkylene group or a C_4 - C_{10} alkylene group having an alkoxyalkyl substituent, R^{10} is hydrogen or a C_1 - C_{30} hydrocarbon group, and f is an integer from 0 to 50;

said Group B being constituted by

(B1) hydrogen,

(B2) a C_1 - C_{30} hydrocarbon group,

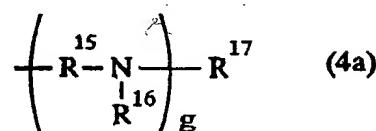
B1
cont.

(B3) an alkanol group represented by the formula



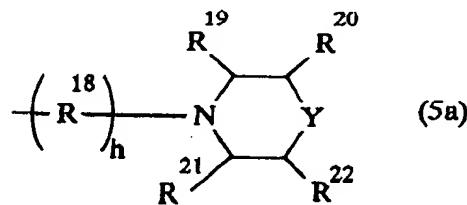
wherein R^{14} is a $\text{C}_1 - \text{C}_6$ alkylene group,

(B4) a nitrogen-containing group represented by the formula



wherein R^{15} is a $\text{C}_2 - \text{C}_6$ alkylene group, R^{16} is selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_4$ alkyl group, and a group of the formula (3a), R^{17} is selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_{30}$ hydrocarbon group and a group of the formula (3a), and g is an integer from 1 to 5, and

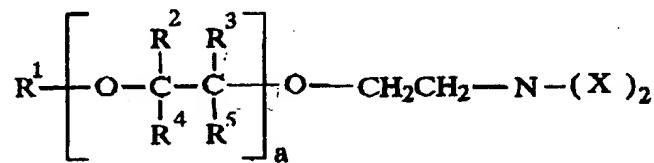
(B5) a group represented by the formula



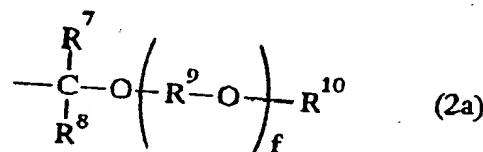
wherein R^{18} is a $\text{C}_2 - \text{C}_6$ alkylene group, R^{19} , R^{20} , R^{21} , and R^{22} are each independently selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group and a hydroxyl group, Y is selected from the group consisting of a methylene group and a methylene group substituted by either a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group, a hydroxyl group, an imino group, an imino group substituted by a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group or a hydroxy group, or oxygen, and h is equal to 0 or 1.

B2

17. (Amended) A gasoline composition for use in a direct injection gasoline engine, which composition comprises gasoline and a nitrogen-containing compound represented by the formula:



wherein R^1 is hydrogen, R^2 , R^3 , R^4 and R^5 are each independently selected from the group consisting of hydrogen, a $C_1 - C_{16}$ hydrocarbon group and a group of the formula (2a) below, a is an integer from 1 to 200 and X is a group selected from Group B below, said formula (2a) being



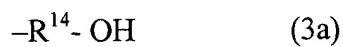
wherein R^7 and R^8 are each independently selected from the group consisting of hydrogen, a $C_1 - C_{10}$ hydrocarbon group and a $C_2 - C_{10}$ alkoxyalkyl group, R^9 is a $C_2 - C_6$ alkylene group or a $C_4 - C_{10}$ alkylene group having an alkoxyalkyl substituent, R^{10} is hydrogen or a $C_1 - C_{30}$ hydrocarbon group, and f is an integer from 0 to 50; said Group B being constituted by

(B1) hydrogen,

(B2) a $C_1 - C_{30}$ hydrocarbon group,

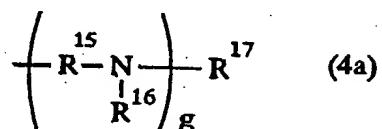
B2
cont.

(B3) an alkanol group represented by the formula



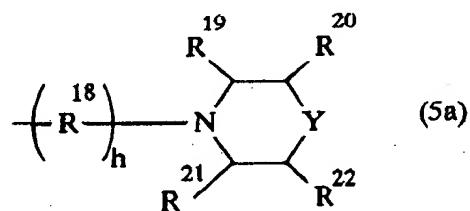
wherein R^{14} is a $\text{C}_1 - \text{C}_6$ alkylene group,

(B4) a nitrogen-containing group represented by the formula



wherein R^{15} is a $\text{C}_2 - \text{C}_6$ alkylene group, R^{16} is selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_4$ alkyl group, and a group of the formula (3a), R^{17} is selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_{30}$ hydrocarbon group and a group of the formula (3a), and g is an integer from 1 to 5, and

(B5) a group represented by the formula



wherein R^{18} is a $\text{C}_2 - \text{C}_6$ alkylene group, R^{19} , R^{20} , R^{21} , and R^{22} are each independently selected from the group consisting of hydrogen, a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group and a hydroxyl group, Y is selected from the group consisting of a methylene group and a methylene group substituted by either a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group, a hydroxyl group, an imino group, an imino group substituted by a $\text{C}_1 - \text{C}_{10}$ hydrocarbon group or a hydroxy group, or oxygen, and h is equal to 0 or 1.--